

Title (en)

Torque control for powertrain and change-gear transmission utilized in same

Title (de)

Drehmomentsteuerung für eine Kraftübertragung und damit eingesetztes, schaltbares Getriebe

Title (fr)

Commande du couple pour transmission et transmission à changement de rapport utilisée avec cette commande

Publication

EP 0800950 B1 20011107 (EN)

Application

EP 97105528 A 19970403

Priority

US 62806196 A 19960408

Abstract (en)

[origin: EP0800950A2] An improved transmission (10) having enhanced torque capacity gearings for only the upper ratios (15th, 16th) and a powertrain system (100) utilizing same are provided. The powertrain system includes a torque-controlled engine (E) and a controller (208), preferably defined by the engine controller (EC), for limiting transmission input torque in the lower ratios. <IMAGE>

IPC 1-7

B60K 41/08; **F16H 63/44**

IPC 8 full level

B60W 10/04 (2006.01); **B60W 10/06** (2006.01); **B60W 30/18** (2012.01); **F02D 29/00** (2006.01); **F16H 3/02** (2006.01); **F16H 3/08** (2006.01); **F16H 3/097** (2006.01); **F16H 61/02** (2006.01); **F16H 61/682** (2006.01); **F16H 61/70** (2006.01)

CPC (source: EP US)

B60W 10/06 (2013.01 - EP US); **B60W 10/111** (2013.01 - EP US); **B60W 30/18** (2013.01 - EP US); **B60W 2710/0666** (2013.01 - EP US); **F16H 61/0248** (2013.01 - EP US); **F16H 61/682** (2013.01 - EP US); **F16H 61/702** (2013.01 - EP US); **Y10T 74/19167** (2015.01 - EP US); **Y10T 74/19219** (2015.01 - EP US)

Citation (examination)

- US 5457633 A 19951010 - PALMER MARVIN K [US], et al
- EP 0524667 A2 19930127 - GEN MOTORS CORP [US]

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DE10227421A1; EP0937602A1; US6052638A; WO9839583A3

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EP 0800950 A2 19971015; **EP 0800950 A3 19980708**; **EP 0800950 B1 20011107**; BR 9700522 A 19981103; CN 1121565 C 20030917; CN 1167223 A 19971210; DE 69707954 D1 20011213; DE 69707954 T2 20020627; JP H1038038 A 19980213; TR 199700277 A2 19971021; US 5679096 A 19971021

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